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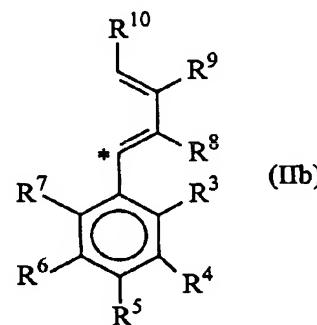
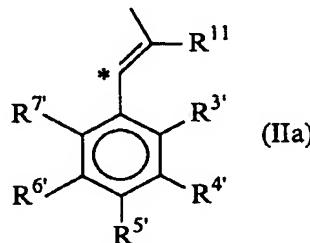
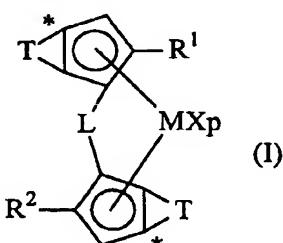
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(54) Title: MULTISTEP PROCESS FOR PREPARING HETEROPHASIC PROPYLENE COPOLYMERS



(57) Abstract: A multistage process comprising the step of polymerizing propylene in the presence of a catalyst system, comprising one or more metallocene compound of formula (I): wherein M is an atom of a transition metal; p is an integer from 0 to 3, X, same or different, is a hydrogen atom, a halogen atom, or a hydrocarbon group; L is a divalent bridging R<sup>1</sup> and R<sup>2</sup>, are C<sub>1</sub>-C<sub>20</sub>-alkyl radicals; T, equal to or different from each other, is a moiety of formula (IIb) or (IIa): wherein R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>3'</sup>, R<sup>4'</sup>, R<sup>5'</sup>, R<sup>6'</sup> and R<sup>7'</sup>, are hydrogen atoms or hydrocarbon groups; with the proviso that at least one among R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> is different from hydrogen; R<sup>11</sup> is a hydrogen atom or a hydrocarbon group; R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup>, are hydrogen atoms or hydrocarbon groups; and further comprising the step of contacting, under polymerization conditions, in a gas phase, ethylene and one or more comonomers. Where the amount of the polymer obtained in the first step ranges from 4% by weight and 20% by weight, extremes excluded, of the polymer obtained in the whole process.

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